



A Look Back at Major Growth/Development Trends & Forecasts from the 1993 Wichita-Sedgwick County Comprehensive Plan

(Revised 03-05-13)

1. Population Trends and Projections for 2010

	1990	2010	
	Census	<i>Projected</i>	Census
Wichita	304,011	345,162	382,368
Sedgwick County	403,662	460,866	498,365

2. Sedgwick County Employment Projections for 2010

	1995		2000		2005		2010	
	<i>Projected</i>	Actual	<i>Projected</i>	Actual	<i>Projected</i>	Actual*	<i>Projected</i>	Actual*
Sedgwick County	245,819	224,510	254,931	253,553	261,543	243,113	268,156	238,625

*Reflects impact of the unforeseen 9/11 event in 2001 and the 2008 recession on local industry and employment.

3. Net New Wichita Growth/Development Acres Required by 2010

	1993-2010	
	<i>Projected</i>	Actual*
Residential	3,404 net acres	+12,700 acres approx. (26,658 new residences alone from 1999 to 2010 @ 2.1 du/acre)
Commercial	570 net acres	+700 acres approx. (New Market, Maize, Rock, Waterfront, 135 St/Maple, Kellogg, K96/Greenwich)
Office	121 net acres	+360 acres approx. (K-96/Webb, Waterfront, Rock/29 St, Ridge/34 St)
Industrial	1,104 net acres	no data available (likely much lower)

*Estimate only - actual acreage change difficult to calculate

	1993	2010	
	Actual	<i>Projected</i>	Actual
City of Wichita area (in sq. mi.)	119	137	163

4. Transportation - 10 Year Arterial/Freeway Expansion Costs (1993-2003)

	1993-2003	
	<i>Projected</i>	Actual
Estimated total arterial/freeway improvement costs (1993-2003)	\$460 million	n/a*

*Cannot be calculated by City Finance Dept. without a voluminous work effort.

5. Wichita Water: Supply vs. Projected Demand by 2010

<u>Water Supply</u>	Average Daily	Maximum Daily
1993 Equus Beds and Cheney Reservoir water supply estimates:	74 million gallons	138 million gallons

Water Demand

	1995		2000		2005		2010	
	<i>Projected</i>	Actual	<i>Projected</i>	Actual	<i>Projected</i>	Actual	<i>Projected</i>	Actual
Average Daily Water Demand - mgl	62	50.3	67	59.6	73	57.5	78	57.3
Maximum Daily Water Demand - mgl	<i>n/a</i>	93.7	<i>n/a</i>	114.1	<i>n/a</i>	105.9	<i>n/a</i>	101.8

1993 Plan projected that: *Average daily demand* would exceed average daily supply (74 mgl) by **2006**
Maximum daily demand would exceed maximum daily supply (138 mgl) by **2002**

Note: The City of Wichita evaluated several alternatives for meeting projected demand and eventually selected/initiated the Aquifer Storage Recharge Project in the mid-late 1990's.

6. **Wichita Sewer: Treatment vs. Capacity by 2010**

	1995		2000		2005		2010	
	Projected	Actual	Projected	Actual	Projected	Actual	Projected	Actual
Average Daily Demand - mg/day	48.8	n/a	52.9	35.1	57.0	40.7	61.0	36.1
Peak Daily Demand- mg/day	n/a	n/a	n/a	41.4	n/a	49.7	n/a	42.6

Note: It was projected that Wichita's sewage treatment capacity of 54 million gallons per day would be exceeded by 2002.

7. **Public School Enrollment Projections by 2010**

	2010-11	
	Number of Students	
	Projected	Actual*
USD 259-Wichita	51,229	49,779
USD 260-Derby	8,342	6,433
USD 261-Haysville	3,807	5,233
USD 262-Valley Center	2,555	2,692
USD 265-Goddard	3,966	5,180
USD 266-Maize	5,254	6,636

*USD sources

8. **Future Housing Unit Projections by 2010**

	2010	
	Total Number of Housing Units	
	Projected	Actual (Census)
Sedgwick County	198,106	211,593
Wichita	156,521	167,310
Small Cities	23,977	31,304
Rural unincorporated	17,608	12,999

9. **Future Fire Station Projections by 2010**

	2010	
	Number of Fire Stations	
	Projected	Actual
Wichita	20	22
Sedgwick County Fire District #1	7	9

10 **Future Public Library Facilities by 2010**

	2010	
	Number of Facilities	
	Projected	Actual
Wichita	13	10

Interesting ... but what's the takeaway from this look back?

- It's difficult to accurately predict precise numbers and totals for events and outcomes 20 years into the future.
- It is possible to predict general trends 20 years into the future
- A comprehensive plan based on imperfect projections is better than no plan ... it provides a basis for developing a better and more relevant plan to guide public decision-making for future public investments.
- It's imperative that the comprehensive plan is reviewed, adjusted, refined and updated annually (as per state statutes) to reflect ongoing change and unforeseen events. MAPD has continually adjusted and modified its population/employment projections since 1993 using current census data, residential vacancy rates and building permit data. This has allowed MAPD to remain relatively accurate in its long-term projections regarding these two important indicators.